

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110322\
 Data File : BG055447.D
 Acq On : 3 Nov 2022 21:32
 Operator : CG/JU
 Sample : N5306-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DISSOLVED-20221166-COMP-01-MODIFIED-ELUTRIATE

Quant Time: Nov 04 05:31:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 05:28:43 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

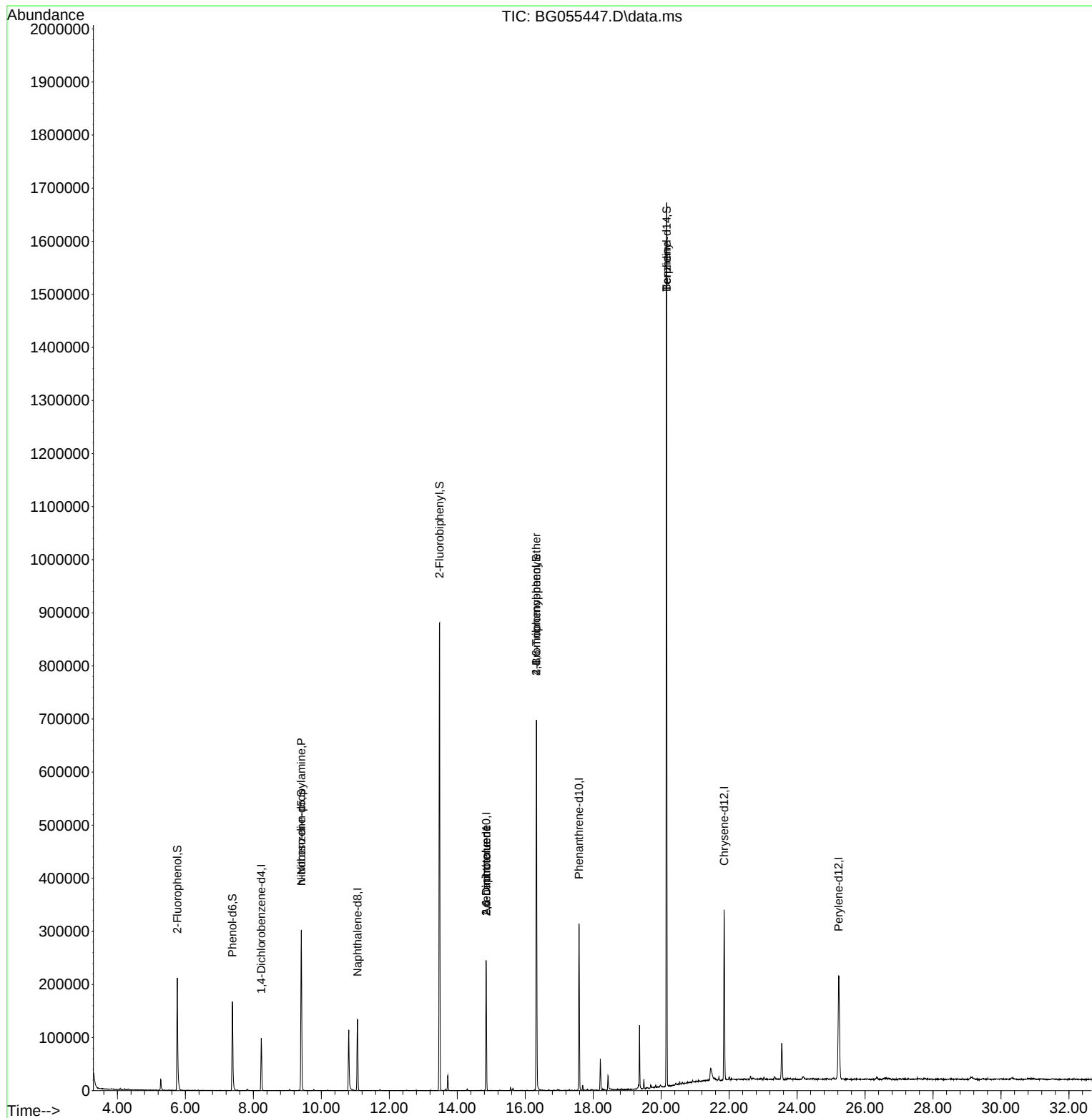
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.234	152	31068	20.000	ng	0.00
21) Naphthalene-d8	11.066	136	125408	20.000	ng	0.00
39) Acenaphthene-d10	14.850	164	88365	20.000	ng	0.00
64) Phenanthrene-d10	17.582	188	207529	20.000	ng	0.00
76) Chrysene-d12	21.854	240	207308	20.000	ng	0.00
86) Perylene-d12	25.226	264	223851	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.761	112	114099	65.954	ng	0.00
7) Phenol-d6	7.382	99	114662	47.795	ng	0.00
23) Nitrobenzene-d5	9.409	82	193085	82.056	ng	0.00
42) 2,4,6-Tribromophenol	16.331	330	150025	124.469	ng	0.00
45) 2-Fluorobiphenyl	13.481	172	488306	81.932	ng	0.00
79) Terphenyl-d14	20.161	244	839344	78.730	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.409	70	25648	13.682	ng	# 83
51) 2,6-Dinitrotoluene	14.850	165	11386	7.374	ng	# 27
57) 2,4-Dinitrotoluene	14.850	165	11386	5.157	ng	# 25
67) 4-Bromophenyl-phenylether	16.331	248	9634	3.927	ng	# 1
77) Benzidine	20.161	184	11628	2.694	ng	# 93

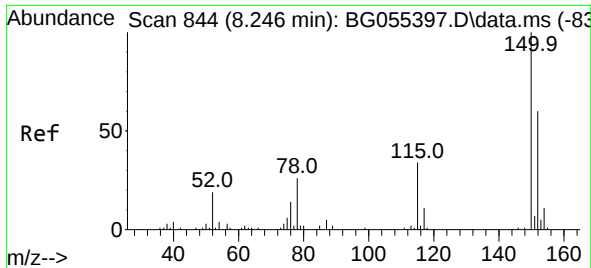
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 04 05:28:43 2022
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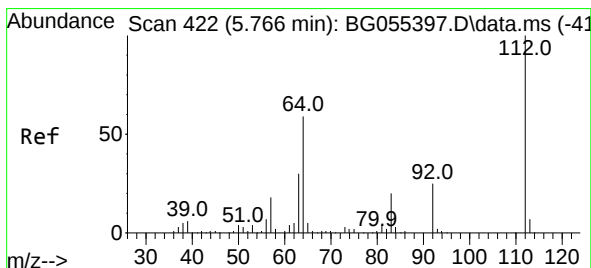
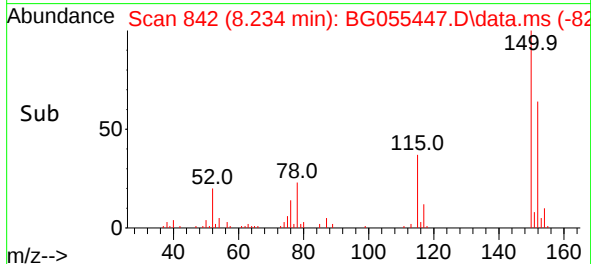
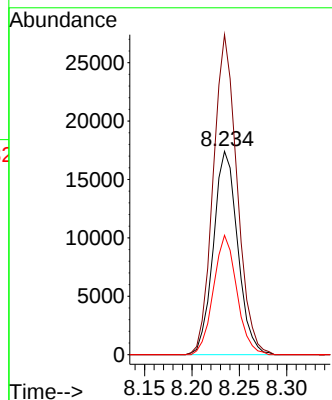
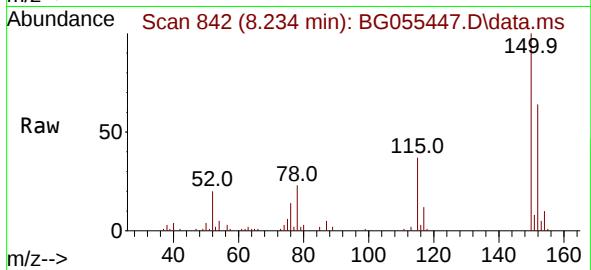




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.234 min Scan# 844
Delta R.T. -0.002 min
Lab File: BG055447.D
Acq: 3 Nov 2022 21:32

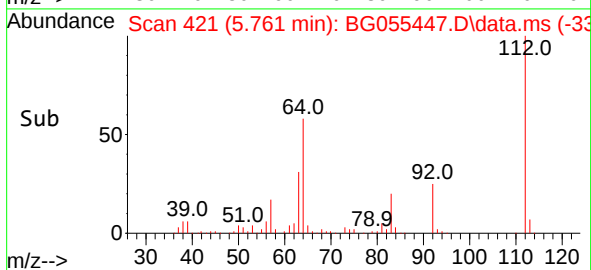
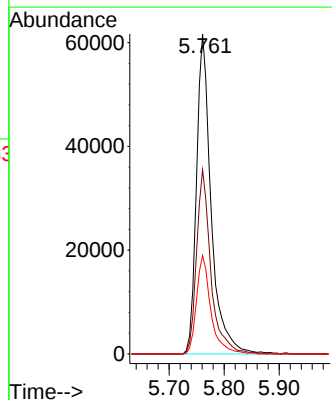
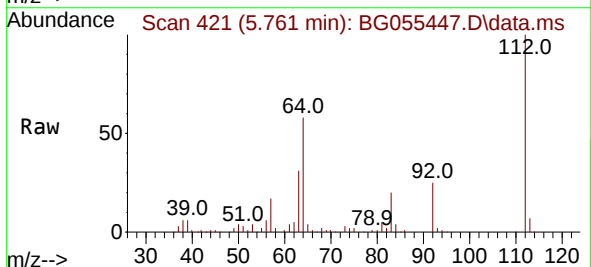
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BNA_G
ClientSampleId :
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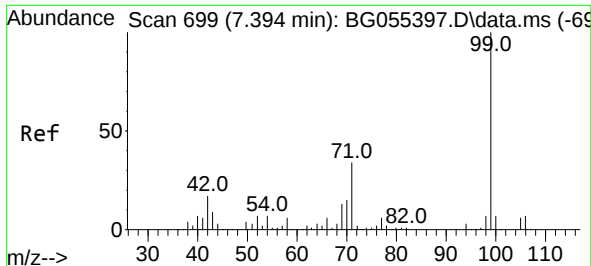
Tgt Ion:152 Resp: 31068
Ion Ratio Lower Upper
152 100
150 157.3 132.8 199.2
115 58.7 45.1 67.7



#5
2-Fluorophenol
Concen: 65.954 ng
RT: 5.761 min Scan# 421
Delta R.T. -0.001 min
Lab File: BG055447.D
Acq: 3 Nov 2022 21:32

Tgt Ion:112 Resp: 114099
Ion Ratio Lower Upper
112 100
64 57.6 47.2 70.8
63 30.7 24.3 36.5

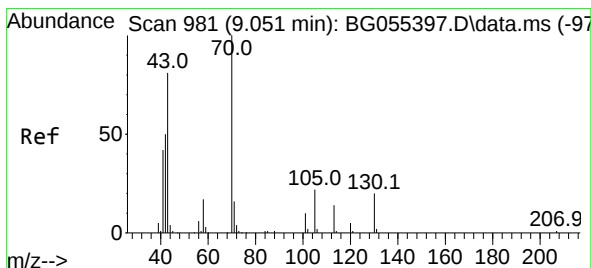
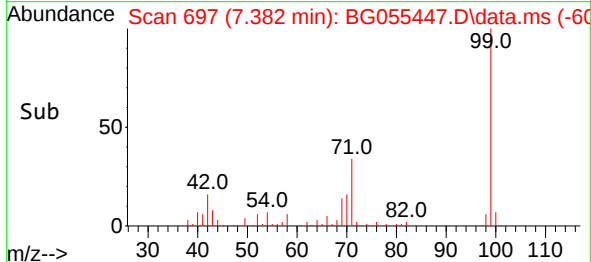
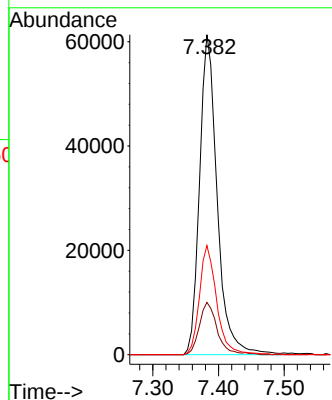
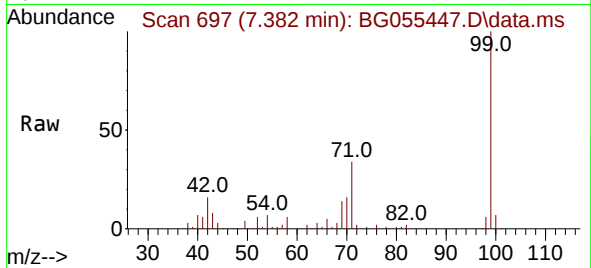




#7
Phenol-d6
Concen: 47.795 ng
RT: 7.382 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG055447.D
Acq: 3 Nov 2022 21:32

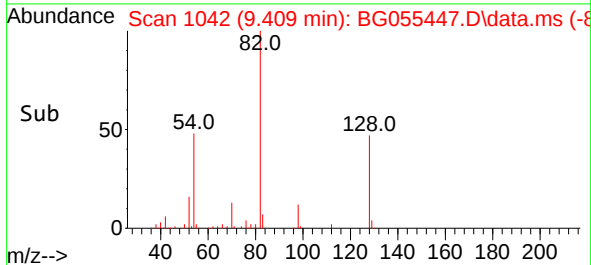
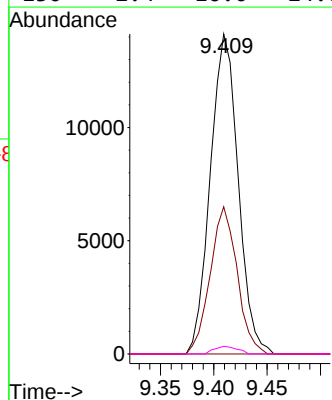
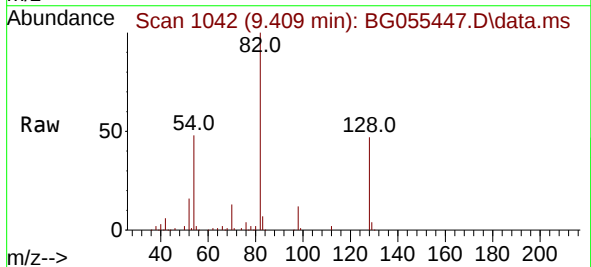
Instrument : BNA_G
ClientSampleId : DISSOLVED-20221166-COMP-01-MODIFIED-ELUTRIATE

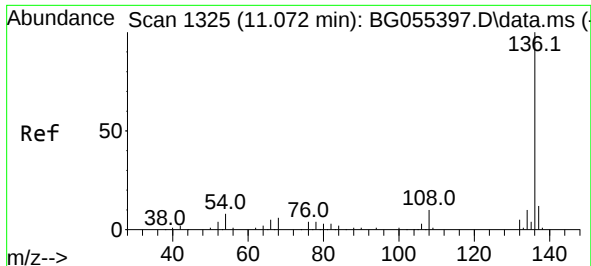
Tgt Ion: 99 Resp: 114662
Ion Ratio Lower Upper
99 100
42 16.4 13.5 20.3
71 34.1 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.682 ng
RT: 9.409 min Scan# 1042
Delta R.T. 0.369 min
Lab File: BG055447.D
Acq: 3 Nov 2022 21:32

Tgt Ion: 70 Resp: 25648
Ion Ratio Lower Upper
70 100
42 46.0 40.6 61.0
101 0.0 7.8 11.6#
130 2.4 16.0 24.0#





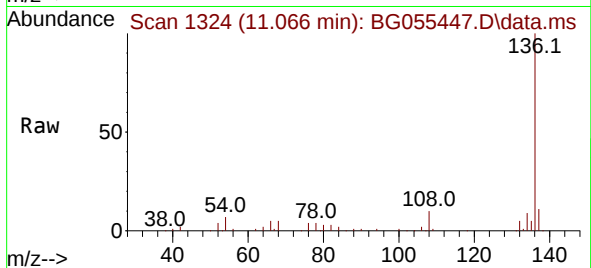
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.066 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG055447.D
Acq: 3 Nov 2022 21:32

Instrument :

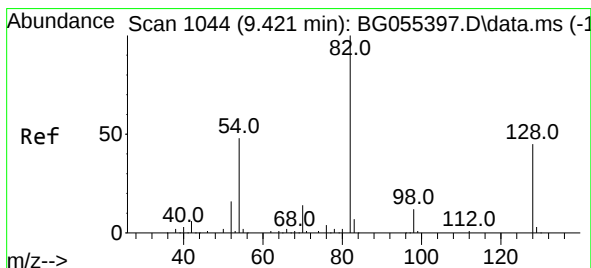
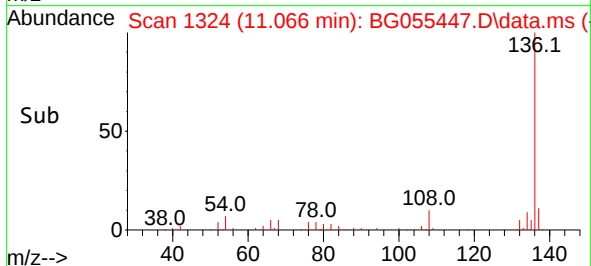
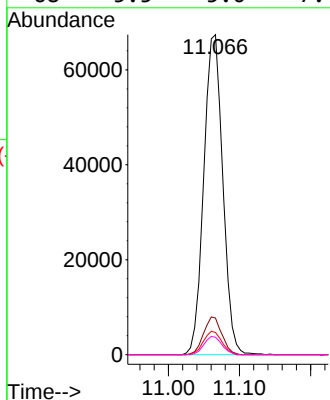
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ClientSampleId :

DISSOLVED-20221166-COMP-01-MODIFIED-ELUTRIATE

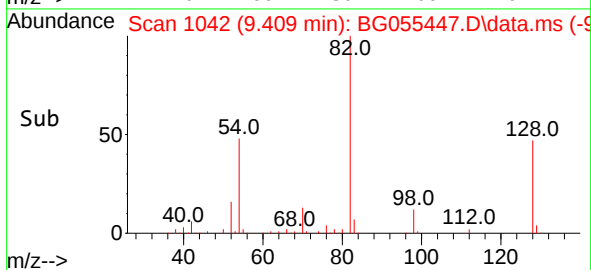
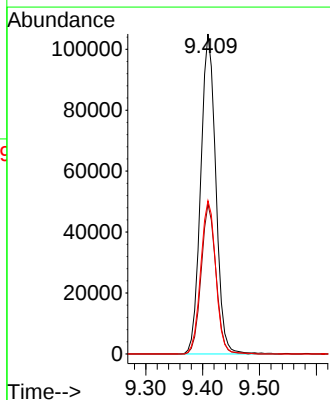
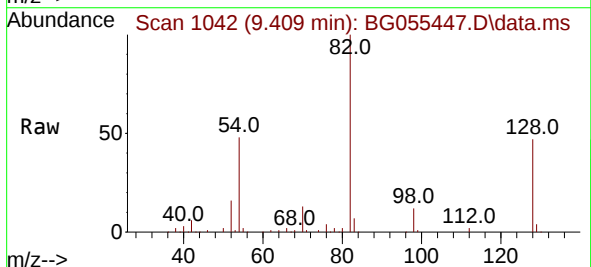


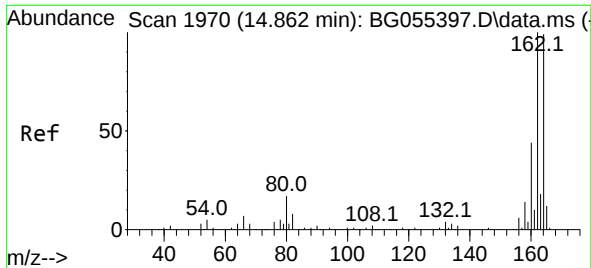
Tgt Ion:136 Resp: 125408
Ion Ratio Lower Upper
136 100
137 11.5 9.4 14.2
54 6.9 6.1 9.1
68 5.5 5.0 7.4



#23
Nitrobenzene-d5
Concen: 82.056 ng
RT: 9.409 min Scan# 1042
Delta R.T. -0.001 min
Lab File: BG055447.D
Acq: 3 Nov 2022 21:32

Tgt Ion: 82 Resp: 193085
Ion Ratio Lower Upper
82 100
128 46.8 35.8 53.8
54 47.9 38.1 57.1

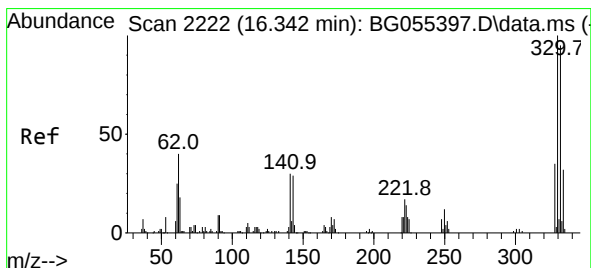
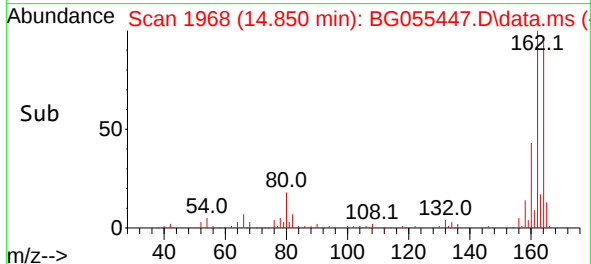
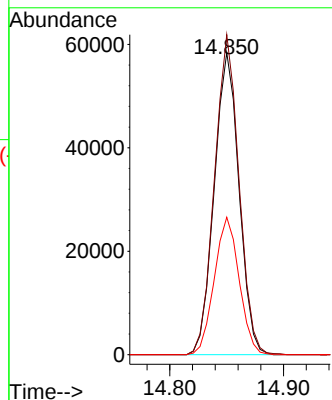
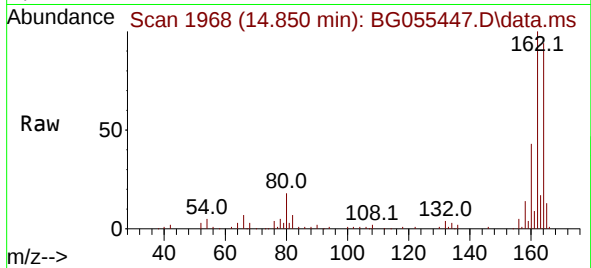




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.850 min Scan# 1970
Delta R.T. -0.007 min
Lab File: BG055447.D
Acq: 3 Nov 2022 21:32

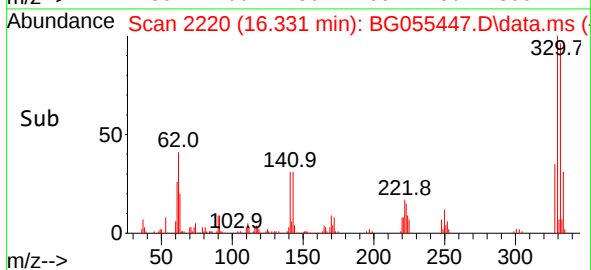
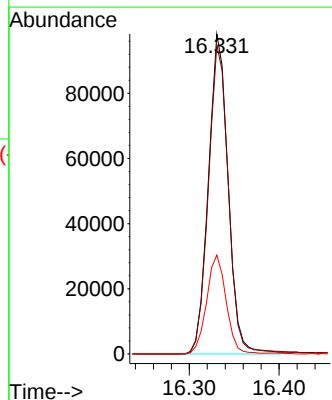
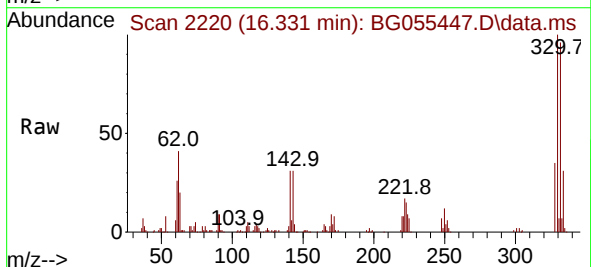
Instrument : BNA_G
ClientSampleId : DISSOLVED-20221166-COMP-01-MODIFIED-ELUTRIATE

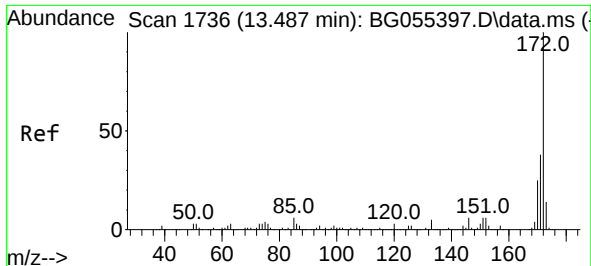
Tgt Ion:164 Resp: 88365
Ion Ratio Lower Upper
164 100
162 105.9 81.1 121.7
160 45.5 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 124.469 ng
RT: 16.331 min Scan# 2220
Delta R.T. -0.007 min
Lab File: BG055447.D
Acq: 3 Nov 2022 21:32

Tgt Ion:330 Resp: 150025
Ion Ratio Lower Upper
330 100
332 98.4 77.8 116.6
141 30.5 24.2 36.2

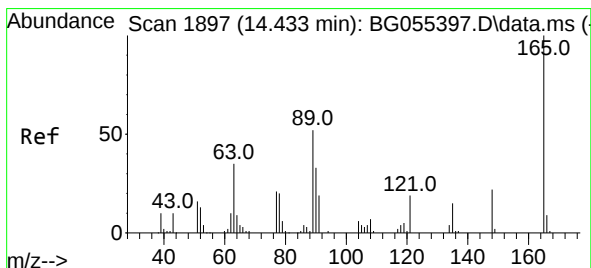
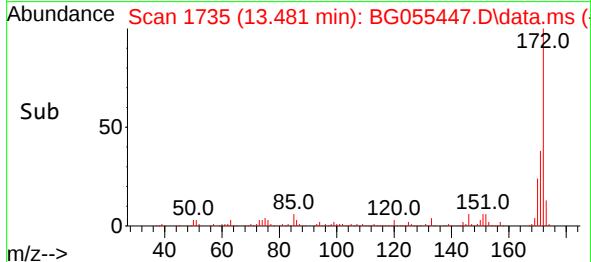
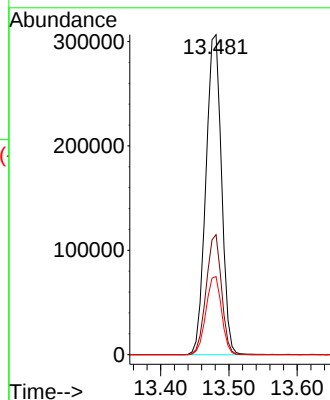
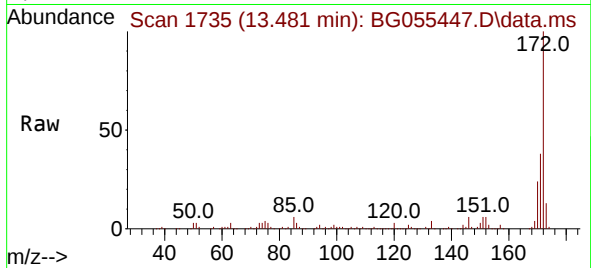




#45
2-Fluorobiphenyl
Concen: 81.932 ng
RT: 13.481 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG055447.D
Acq: 3 Nov 2022 21:32

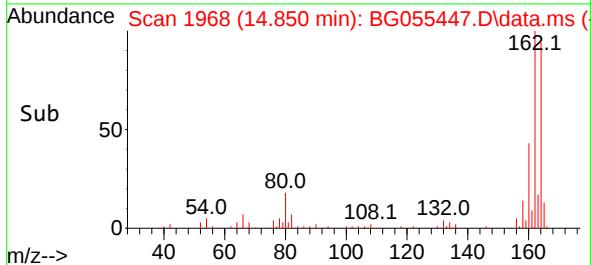
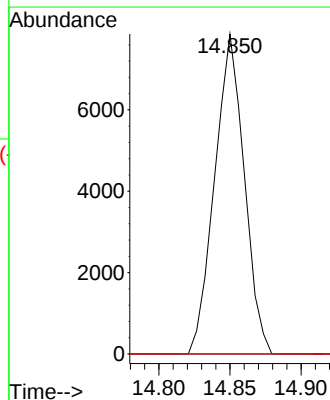
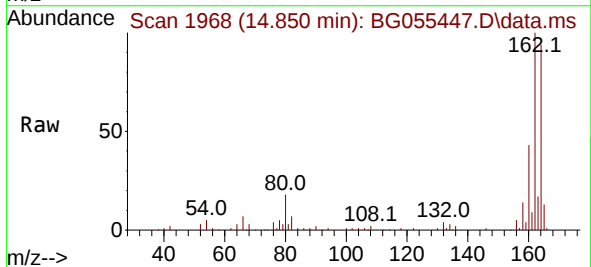
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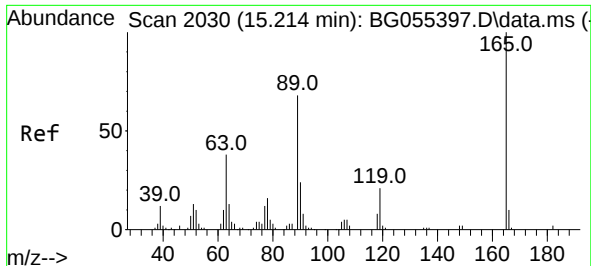
Tgt Ion:172 Resp: 488306
Ion Ratio Lower Upper
172 100
171 37.5 30.2 45.2
170 24.4 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 7.374 ng
RT: 14.850 min Scan# 1968
Delta R.T. 0.428 min
Lab File: BG055447.D
Acq: 3 Nov 2022 21:32

Tgt Ion:165 Resp: 11386
Ion Ratio Lower Upper
165 100
63 0.0 38.2 57.4#
89 0.0 41.8 62.6#

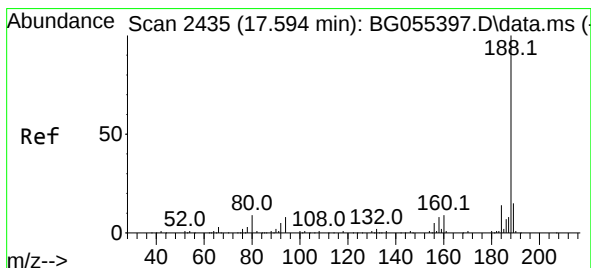
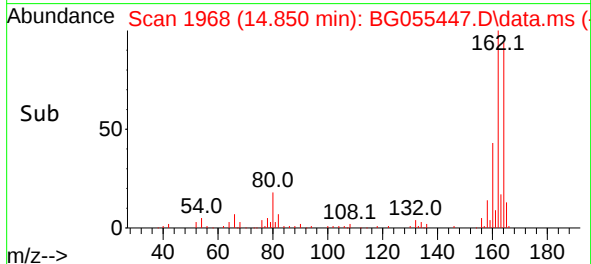
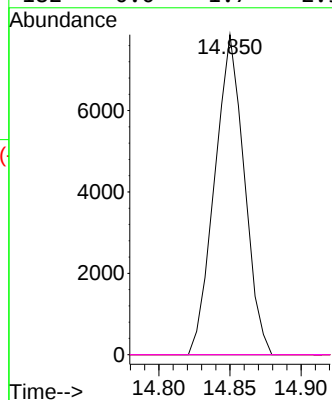
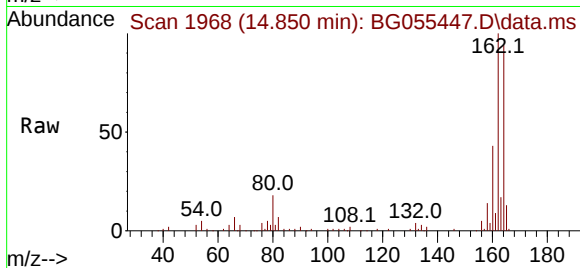




#57
2,4-Dinitrotoluene
Concen: 5.157 ng
RT: 14.850 min Scan# 1968
Delta R.T. -0.360 min
Lab File: BG055447.D
Acq: 3 Nov 2022 21:32

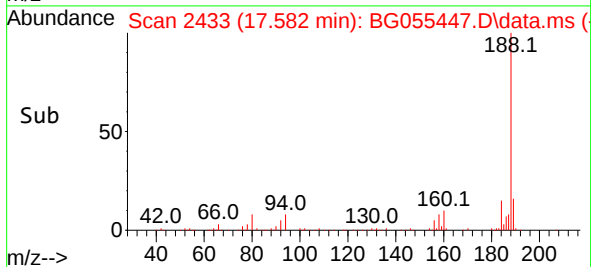
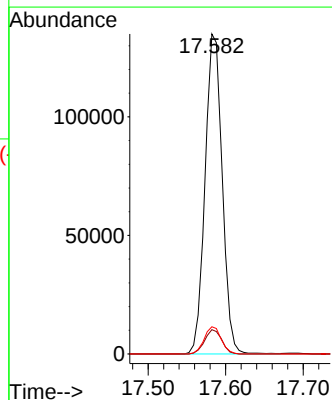
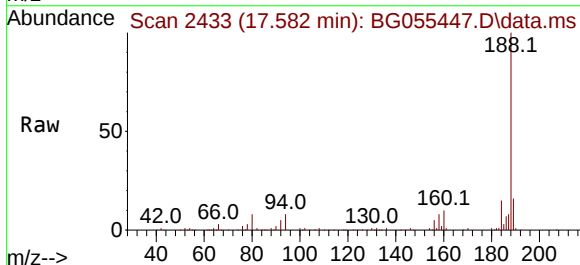
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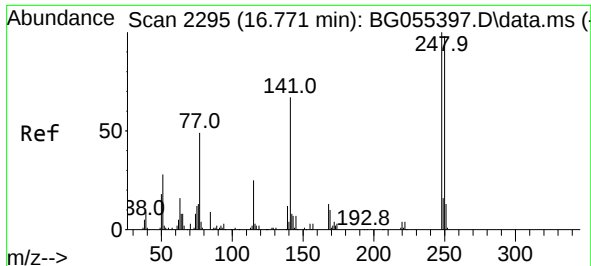
Tgt Ion:165 Resp: 11386
Ion Ratio Lower Upper
165 100
63 0.0 30.8 46.2#
89 0.0 54.5 81.7#
182 0.0 1.7 2.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.582 min Scan# 2433
Delta R.T. -0.007 min
Lab File: BG055447.D
Acq: 3 Nov 2022 21:32

Tgt Ion:188 Resp: 207529
Ion Ratio Lower Upper
188 100
94 7.6 6.5 9.7
80 8.5 7.4 11.0

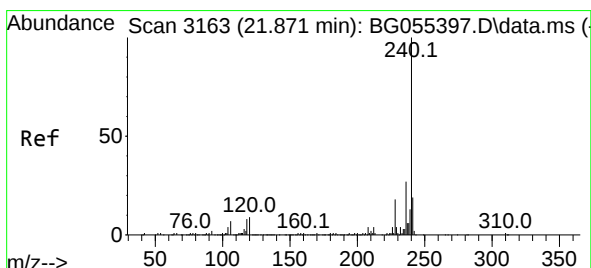
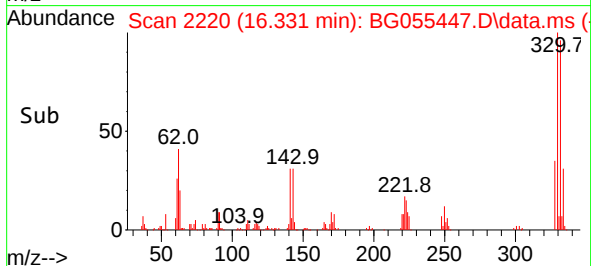
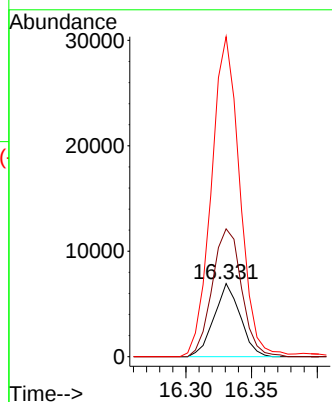
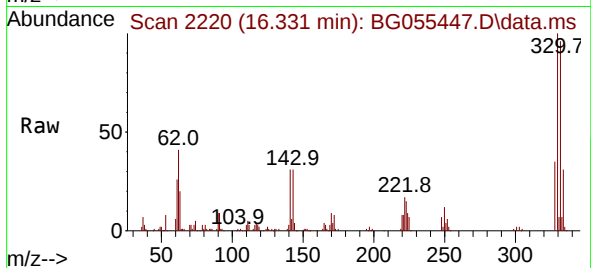




#67
4-Bromophenyl-phenylether
Concen: 3.927 ng
RT: 16.331 min Scan# 21
Delta R.T. -0.436 min
Lab File: BG055447.D
Acq: 3 Nov 2022 21:32

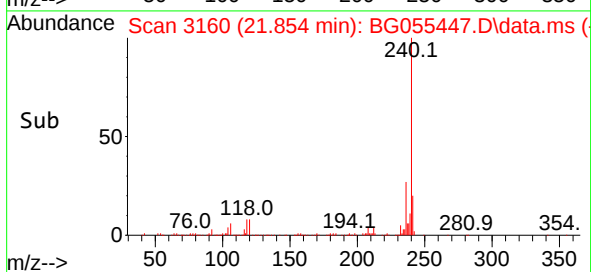
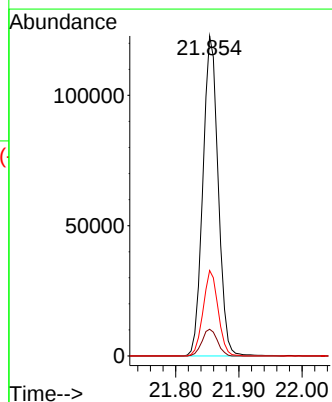
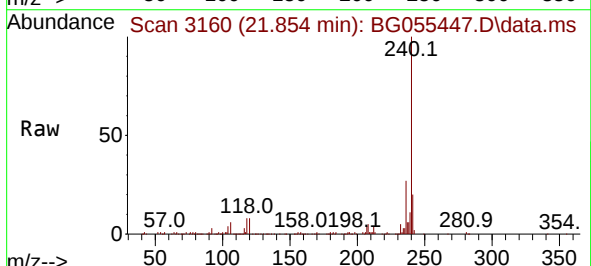
Instrument :
BNA_G
ClientSampleId :
DISSOLVED-20221166-COMP-01-MODIFIED-ELUTRIATE

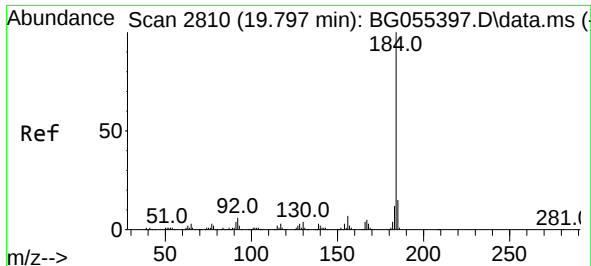
Tgt Ion:248 Resp: 9634
Ion Ratio Lower Upper
248 100
250 174.8 78.3 117.5#
141 437.5 53.7 80.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.854 min Scan# 3160
Delta R.T. -0.007 min
Lab File: BG055447.D
Acq: 3 Nov 2022 21:32

Tgt Ion:240 Resp: 207308
Ion Ratio Lower Upper
240 100
120 8.3 6.9 10.3
236 26.7 21.5 32.3

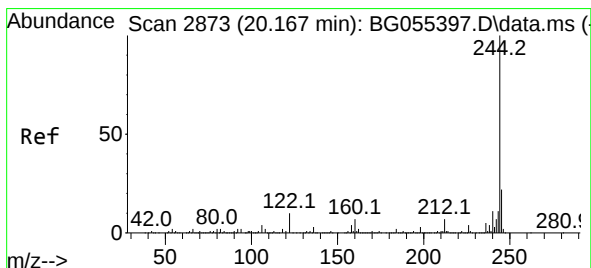
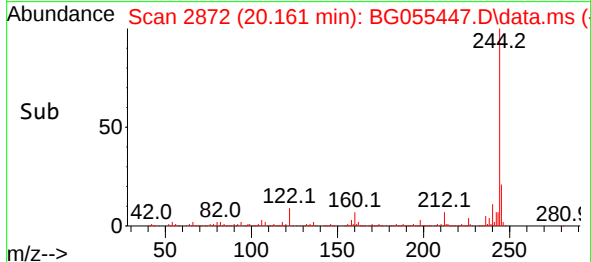
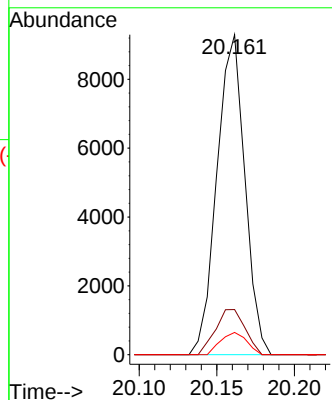
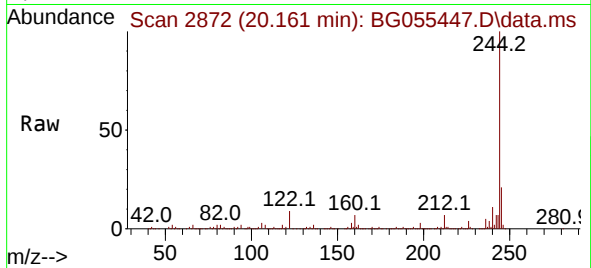




#77
Benzidine
Concen: 2.694 ng
RT: 20.161 min Scan# 2872
Delta R.T. 0.369 min
Lab File: BG055447.D
Acq: 3 Nov 2022 21:32

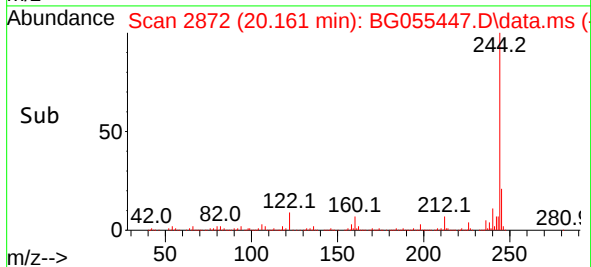
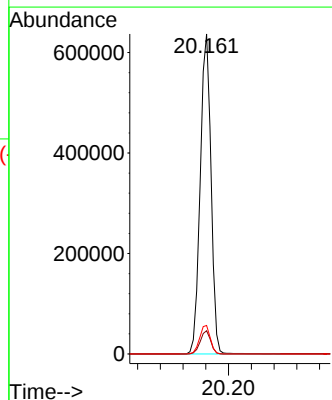
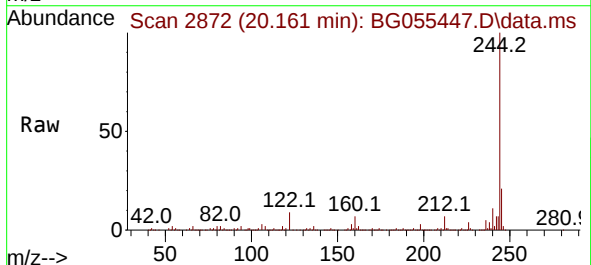
Instrument : BNA_G
ClientSampleId : DISSOLVED-20221166-COMP-01-MODIFIED-ELUTRIATE

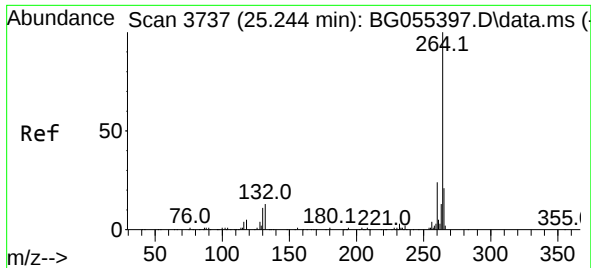
Tgt Ion:184 Resp: 11628
Ion Ratio Lower Upper
184 100
185 14.1 11.7 17.5
183 6.9 9.8 14.8#



#79
Terphenyl-d14
Concen: 78.730 ng
RT: 20.161 min Scan# 2872
Delta R.T. -0.001 min
Lab File: BG055447.D
Acq: 3 Nov 2022 21:32

Tgt Ion:244 Resp: 839344
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 8.9 7.8 11.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.226 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG055447.D
Acq: 3 Nov 2022 21:32

Instrument :
BNA_G
ClientSampleId :
DISSOLVED-20221166-COMP-01-MODIFIED-ELUTRIATE

Tgt Ion:264 Resp: 223851

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	20.8	17.1	25.7

